Beatrice Gagnaire

List of Publications by Year
in descending order

54	1,950	236925 25	254184 43
papers	citations	h-index	g-index

55	55	55	1813
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multigenerational exposure to gamma radiation affects offspring differently over generations in zebrafish. Aquatic Toxicology, 2022, 244, 106101.	4.0	9
2	Effects of gamma ionizing radiation exposure on Danio rerio embryo-larval stages - comparison with tritium exposure. Journal of Hazardous Materials, 2021, 408, 124866.	12.4	2
3	Effects of in vivo exposure to tritium: a multi-biomarker approach using the fathead minnow, Pimephales promelas. Environmental Science and Pollution Research, 2020, 27, 3612-3623.	5.3	8
4	Towards solving a scientific controversy â€“ The effects of ionising radiation on the environment. Journal of Environmental Radioactivity, 2020, 211, 106033.	1.7	46
5	Effects of tritiated water on locomotion of zebrafish larvae: a new insight in tritium toxic effects on a vertebrate model species. Aquatic Toxicology, 2020, 219, 105384.	4.0	10
6	Tritiated Water Exposure in Zebrafish (Danio rerio): Effects on the Earlyâ€Life Stages. Environmental Toxicology and Chemistry, 2020, 39, 648-658.	4.3	14
7	Adverse effects induced by chronic gamma irradiation in progeny of adult fish not affecting parental reproductive performance. Environmental Toxicology and Chemistry, 2019, 38, 2556-2567.	4.3	8
8	Physiological effects of gamma irradiation in the honeybee, Apis mellifera. Ecotoxicology and Environmental Safety, 2019, 174, 153-163.	6.0	5
9	Assessing tritium internalisation in zebrafish early life stages: Importance of rapid isotopic exchange. Journal of Environmental Radioactivity, 2019, 203, 30-38.	1.7	14
10	Correlated responses for DNA damage, phagocytosis activity and lysosomal function revealed in a comparison between field and laboratory studies: Fathead minnow exposed to tritium. Science of the Total Environment, 2019, 662, 990-1002.	8.0	5
11	Uranium transfer and accumulation in organs of Danio rerio after waterborne exposure alone or combined with diet-borne exposure. Environmental Toxicology and Chemistry, 2019, 38, 90-98.	4.3	4
12	Toxicokinetic and toxicodynamic of depleted uranium in the zebrafish, Danio rerio. Aquatic Toxicology, 2018, 197, 9-18.	4.0	16
13	Tritiated water exposure disrupts myofibril structure and induces mis-regulation of eye opacity and DNA repair genes in zebrafish early life stages. Aquatic Toxicology, 2018, 200, 114-126.	4.0	18
14	Uptake, depuration, dose estimation and effects in zebrafish exposed to Am-241 via dietary route. Journal of Environmental Radioactivity, 2018, 193-194, 68-74.	1.7	1
15	Effects of in situ exposure to tritiated natural environments: A multi-biomarker approach using the fathead minnow, Pimephales promelas. Science of the Total Environment, 2017, 599-600, 597-611.	8.0	22
16	Acclimation capacity of the three-spined stickleback (Gasterosteus aculeatus, L.) to a sudden biological stress following a polymetallic exposure. Ecotoxicology, 2016, 25, 1478-1499.	2.4	17
17	In situ effects of metal contamination from former uranium mining sites on the health of the three-spined stickleback (Gasterosteus aculeatus, L.). Ecotoxicology, 2016, 25, 1234-1259.	2.4	30
18	In situ experiments to assess effects of constraints linked to caging on ecotoxicity biomarkers of the three-spined stickleback (Gasterosteus aculeatus L.). Fish Physiology and Biochemistry, 2016, 42, 643-657.	2.3	15

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19	Involvement of fish immunomarkers in environmental biomonitoring approach: Urban and agri-viticultural context. Ecotoxicology and Environmental Safety, 2015, 120, 35-40.	6.0	5
20	External gamma irradiation-induced effects in early-life stages of zebrafish, Danio rerio. Aquatic Toxicology, 2015, 169, 69-78.	4.0	43
21	Former uranium mine-induced effects in caged roach: a multiparametric approach for the evaluation of in situ metal toxicity. Ecotoxicology, 2015, 24, 215-231.	2.4	25
22	Effects of chronic exposure to environmentally relevant concentrations of waterborne depleted uranium on the digestive tract of zebrafish, Danio rerio. Journal of Environmental Radioactivity, 2015, 142, 45-53.	1.7	12
23	Multi-metallic contamination around former uranium mines induces adverse effects and acclimation disturbance in three-spined stickleback (Gasterosteus aculeatus). Journal of Xenobiotics, 2014, 4, .	6.7	0
24	Applications in environmental risk assessment of leucocyte apoptosis, necrosis and respiratory burst analysis on the European bullhead, Cottus sp.. Environmental Pollution, 2014, 184, 9-17.	7.5	30
25	Detection of immunotoxic effects of estrogenic and androgenic endocrine disrupting compounds using splenic immune cells of the female three-spined stickleback, Gasterosteus aculeatus (L.). Environmental Toxicology and Pharmacology, 2014, 38, 672-683.	4.0	28
26	Depleted Uranium Disturbs Immune Parameters in Zebrafish, Danio rerio: An Ex Vivo/In Vivo Experiment. Archives of Environmental Contamination and Toxicology, 2014, 67, 426-435.	4.1	17
27	Effects of lowâ€dose exposure to pesticide mixture on physiological responses of the pacific oyster, Crassostrea gigas. Environmental Toxicology, 2013, 28, 689-699.	4.0	29
28	Effects of Depleted Uranium on Oxidative Stress, Detoxification, and Defence Parameters of Zebrafish Danio rerio. Archives of Environmental Contamination and Toxicology, 2013, 64, 140-150.	4.1	30
29	Flow cytometry detection of lysosomal presence and lysosomal membrane integrity in the three-spined stickleback (Gasterosteus aculeatus L.) immune cells: applications in environmental aquatic immunotoxicology.. Environmental Science and Pollution Research, 2013, 20, 2692-2704.	5.3	26
30	Effects of uranium on the metabolism of zebrafish, Danio rerio. Aquatic Toxicology, 2012, 118-119, 9-26.	4.0	40
31	The Effects of Radionuclides on Animal Behavior. Reviews of Environmental Contamination and Toxicology, 2011, 210, 35-58.	1.3	11
32	Developmental energetics of zebrafish, Danio rerio. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 275-283.	1.8	53
33	Transfer modelling and toxicity evaluation of the effluent from an installation of cleansing and uranium recovery using a battery of bioassays. Ecotoxicology, 2011, 20, 187-201.	2.4	8
34	In vivo indirect measurement of cytochrome P450â€associated activities in freshwater gastropod molluscs. Environmental Toxicology, 2010, 25, 545-553.	4.0	15
35	Effects of temperature and salinity on the survival of Bonamia ostreae, a parasite infecting flat oysters Ostrea edulis. Diseases of Aquatic Organisms, 2009, 85, 67-75.	1.0	56
36	Detection of phenoloxidase activity in early stages of the Pacific oyster Crassostrea gigas (Thunberg). Developmental and Comparative Immunology, 2009, 33, 653-659.	2.3	32

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37	Immune effects of HFO on European sea bass, Dicentrarchus labrax, and Pacific oyster, Crassostrea gigas. Ecotoxicology and Environmental Safety, 2009, 72, 1446-1454.	6.0	30
38	Development of biomarkers of stress related to endocrine disruption in gastropods: Alkali-labile phosphates, protein-bound lipids and vitellogenin-like proteins. Aquatic Toxicology, 2009, 92, 155-167.	4.0	40
39	Effects of 16 pure hydrocarbons and two oils on haemocyte and haemolymphatic parameters in the Pacific oyster, Crassostrea gigas (Thunberg). Toxicology in Vitro, 2008, 22, 1610-1617.	2.4	51
40	Cholinesterase activities as potential biomarkers: Characterization in two freshwater snails, Potamopyrgus antipodarum (Mollusca, Hydrobiidae, Smith 1889) and Valvata piscinalis (Mollusca,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8	6
41	Comparison of hemocyte parameters in the pericardial cavity and the adductor muscle sinus in the Pacific oyster,Crassostrea gigasusing two types of flow cytometers. Aquatic Living Resources, 2008, 21, 39-43.	1.2	20
42	Analysis of hemocyte parameters in Pacific oysters, Crassostrea gigas, reared in the field â€" Comparison of hatchery diploids and diploids from natural beds. Aquaculture, 2007, 264, 449-456.	3.5	7
43	Genetically based resistance to summer mortality in the Pacific oyster (Crassostrea gigas) and its relationship with physiological, immunological characteristics and infection processes. Aquaculture, 2007, 268, 227-243.	3.5	166
44	Combination of a pesticide exposure and a bacterial challenge: In vivo effects on immune response of Pacific oyster, Crassostrea gigas (Thunberg). Aquatic Toxicology, 2007, 84, 92-102.	4.0	100
45	Demonstration of a true phenoloxidase activity and activation of a ProPO cascade in Pacific oyster, Crassostrea gigas (Thunberg) in vitro. Fish and Shellfish Immunology, 2007, 22, 433-440.	3.6	94
46	Impact of Diuron on Aneuploidy and Hemocyte Parameters in Pacific Oyster, Crassostrea gigas. Archives of Environmental Contamination and Toxicology, 2007, 52, 58-63.	4.1	48
47	Diploid and triploid Pacific oysters, Crassostrea gigas (Thunberg), reared at two heights above sediment in Marennes-Oleron Basin, France: Difference in mortality, sexual maturation and hemocyte parameters. Aquaculture, 2006, 254, 606-616.	3.5	75
48	Effects of cadmium on aneuploidy and hemocyte parameters in the Pacific oyster, Crassostrea gigas. Aquatic Toxicology, 2006, 78, 149-156.	4.0	38
49	A flow cytometric approach to study intracellular-free Ca2+ in Crassostrea gigas haemocytes. Fish and Shellfish Immunology, 2006, 20, 493-502.	3.6	23
50	Effects of temperature and salinity on haemocyte activities of the Pacific oyster, Crassostrea gigas (Thunberg). Fish and Shellfish Immunology, 2006, 20, 536-547.	3.6	209
51	Pollutant effects on Pacific oyster, Crassostrea gigas (Thunberg), hemocytes: Screening of 23 molecules using flow cytometry. Cell Biology and Toxicology, 2006, 22, 1-14.	5.3	103
52	Isolation and primary culture of gill and digestive gland cells from the common mussel Mytilus edulis. Cytotechnology, 2004, 25, 177-184.	0.7	17
53	In vitro effects of cadmium and mercury on Pacific oyster, Crassostrea gigas (Thunberg), haemocytes. Fish and Shellfish Immunology, 2004, 16, 501-512.	3.6	143
54	Study of Atrazine Effects on Pacific Oyster, Crassostrea gigas, Haemocytes. Current Pharmaceutical Design, 2003, 9, 193-199.	1.9	31